Index of Claims

Application/Control No.

10/541,541

Examiner

Dennis H. Pedder

Applicant(s)/Patent under Reexamination

DIEZ ESTEBAN ET AL.

Art Unit

3612

| X  | Rejected |
|----|----------|
| II | Allowed  |

(Through numeral) Cancelled

Restricted

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla  | Claim Date   |          |  |                                     |                |          | Claim Date                                       |                 |          |          |              |          |          | Cla             | aim      | Date     |          |          |          |          |          |   |          |            |  |                 |                 |           |                 |                 |          |          |                |
|--|--------------|----------|--|-------------------------------------|----------------|----------|--|-----------------|----------|----------|--------------|----------|----------|-----------------|----------|----------|----------|----------|----------|----------|----------|---|----------|------------|--|-----------------|-----------------|-----------|-----------------|-----------------|----------|----------|----------------|
|  | <del>-</del> | ဖွ       |  |                                     |                |          |  |                 |          |          |              |          | <u>_</u> |                 |          |          |          |          |          |          |          |   |          | a          |  |                 |                 |           |                 |                 |          | - 1      |                |
| Final  | Original     | 10/10/06 |  |                                     |                |          |  |                 | - [      | -1       | i i          | <u> </u> | Original |                 |          | ı        |          |          |          | 1        |          |   | Final    | Original   |  |                 |                 |           |                 |                 |          | ı        | l              |
| iE   | ٦            | 9        |  |                                     |                |          |  |                 |          | - 1      | ü            |          | اجّ      | 1               |          | -        |          |          |          | -        |          |   | 证        | Orić       |  |                 |                 |           |                 |                 |          | l        |                |
|  |              |          |  | L.,                                 | L.             | _        |  |                 | $\dashv$ | _        |              | _        |          |                 | _        | 4        | _        | $\dashv$ | _        | $\bot$   | $\bot$   |   |          |            |  |                 | _               |           | _               |                 | _        | _        | $\dashv$       |
|  | 1            | Х        | <u> </u>   | _                                   | Ŀ              |          | Ш  | Ш               | $\dashv$ | 4        |              |          | 51       | _               | _        | _        | _        | 4        | _        | _        | $\perp$  |   |          | 101        |  | Щ               | _               |           | _               | _               | 4        | _        | _              |
|  | 2            | X        | <u> </u>   | _                                   | _              |          | Ш  | Ш               | _        | 4        |              |          | 52       | _               |          | _        | _        | _        | _        | _        | <b>.</b> |   |          | 102        |  | Ц               | _               | _         | _               | _               | _        | _        | _              |
| L  | 3            | X        | _  | _                                   |                |          |  | Щ               | _        | _        | <u> </u>     |          | 53       | _               | _        |          | _        | +        | $\dashv$ | -        | -        |   | ļ        | 103        |  |                 | _               |           |                 | _               | _        | $\dashv$ | _              |
|  | 4            | X        | <u> </u>   |                                     | <u> </u>       | L.       | igspace  | Н               | -        | -        | _            |          | 54       | _               |          | -        |          | $\dashv$ | +        | +        | -        |   |          | 104        |  | $\vdash \vdash$ |                 | $\dashv$  | $\dashv$        | -               | $\dashv$ | $\dashv$ |                |
| <u> </u>   | 5            | X        | _  | _                                   | <u> </u>       | L.       |  | Н               | -        | $\dashv$ | $\vdash$     |          | 55       | -               | $\dashv$ | $\dashv$ | -        | -+       | +        | +        | +        | 1 |          | 105        |  | H               |                 | -         | $\dashv$        | -               | -        | $\dashv$ | _              |
| -  | 6            | X        | _  |                                     | _              | <u> </u> |  | $\vdash$        | -+       | -        | -            | -        | 56       | -               | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        |          |          |   |          | 106<br>107 |  | Н               | $\dashv$        | $\dashv$  | $\dashv$        | $\dashv$        | $\dashv$ | -        |                |
|  | 7            | X        | ⊢  | _                                   | ⊢              | H        | -  | $\vdash$        |          |          | -            |          | 57       | $\dashv$        | -        | $\dashv$ | $\dashv$ | -        | +        | +        | +        | ł | <u> </u> |            | _  | $\vdash$        | $\dashv$        |           | $\dashv$        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$       |
|  | 8            | X        | <del> </del>                                     | <u> </u>                            | -              | $\vdash$ | H  | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$     |          | 58       |                 |          |          | -+       | $\dashv$ | +        | +        | -        | - |          | 108<br>109 |  | $\vdash$        |                 |           |                 |                 | $\dashv$ | $\dashv$ | $\dashv$       |
|  | 9<br>10      | X        | -  | _                                   | -              | ├-       | -  | -               | $\dashv$ | $\dashv$ | $\vdash$     | +        | 59<br>60 | $\dashv$        | $\dashv$ | $\dashv$ | -+       | $\dashv$ | +        |          | +        | { | -        | 110        |  | $\vdash$        |                 |           |                 | $\dashv$        | $\dashv$ | $\dashv$ |                |
| -  |              | x        | $\vdash$   |                                     | ├              | -        | -  | $\vdash$        | -+       | $\dashv$ | -            |          | 61       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | +        | +        | ł |          | 111        |  | Н               | $\dashv$        | $\dashv$  | $\dashv$        | $\dashv$        | $\dashv$ | $\dashv$ | -              |
|  | 11<br>12     | ÷        | ⊢  |                                     | $\vdash$       | -        | -  |                 | $\dashv$ | $\dashv$ | $\vdash$     | +        | 62       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +        | +        | ł | $\vdash$ | 112        |  | ┝┈┤             |                 | $\dashv$  | -               |                 | $\dashv$ | $\dashv$ | $\dashv$       |
|  | 13           | ┝        | $\vdash$   | _                                   | $\vdash$       | $\vdash$ | $\vdash$   | $\vdash \dashv$ | $\dashv$ | $\dashv$ | $\vdash$     |          | 63       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -+-      | +        | +        | ł | $\vdash$ | 113        |  | $\vdash$        | $\dashv$        | -         | -               | -               | $\dashv$ | $\dashv$ | $\dashv$       |
| _  | 14           | +        | $\vdash$   |                                     | $\vdash$       | $\vdash$ | $\vdash$   | $\vdash \vdash$ |          | $\dashv$ | $\vdash$     |          | 64       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | +        | 1 | $\vdash$ | 114        | -  | $\vdash$        | -               |           |                 | $\dashv$        | $\dashv$ | ᅱ        | ㅓ              |
| $\vdash$   | 15           | $\vdash$ | $\vdash$   | -                                   | $\vdash$       | $\vdash$ | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$     | +        | 65       |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +        | 1 | -        | 115        |  | ┝╌┤             |                 |           | $\dashv$        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$       |
| <del> </del>                                     | 16           | +-       | $\vdash$   | <del> </del>                        | $\vdash$       | $\vdash$ | $\vdash$   | $\vdash \vdash$ | $\dashv$ | ᅥ        |              |          | 66       | $\dashv$        | -        |          | $\dashv$ | $\dashv$ | +        | +        | +        | 1 |          | 116        |  | $\vdash \vdash$ | $\vdash$        | $\dashv$  | $\dashv$        |                 | -+       | $\dashv$ | $\dashv$       |
|  | 17           | 1-       | $\vdash$   | $\vdash$                            |                | $\vdash$ | $\vdash$   | $\vdash \vdash$ | -        | $\dashv$ | $\vdash$     |          | 67       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +        | 1 | <b>—</b> | 117        |  | $\vdash$        | -               | $\dashv$  | $\dashv$        |                 | $\dashv$ | $\dashv$ | $\dashv$       |
| <del>                                     </del> | 18           | t        | $\vdash$   | $\vdash$                            | ╁              | 1        | Н  | Н               | $\dashv$ | $\dashv$ | $\vdash$     |          | 68       |                 | $\dashv$ | $\dashv$ | 7        | +        | +        | $\dashv$ | +        | 1 |          | 118        |  | $\vdash$        |                 | $\neg$    | $\dashv$        | $\dashv$        | _        | $\dashv$ | $\dashv$       |
|  | 19           | ╁╌       | -  | -                                   | 1              | $\vdash$ | П  | H               | $\dashv$ | ᅥ        | $\vdash$     |          | 69       |                 | $\dashv$ | -        | $\dashv$ | $\dashv$ |          | $\top$   | $\top$   | 1 |          | 119        | _  | Н               | $\dashv$        | $\neg$    | $\dashv$        |                 | _        | $\dashv$ | $\dashv$       |
|  | 20           | T        | <del>                                     </del> | ┢                                   | $\vdash$       | $\vdash$ | Т  | H               | $\dashv$ | _        | -            | 7        | 70       |                 |          | _        | $\neg$   | 寸        |          | $\top$   | +        | i |          | 120        |  | П               |                 |           |                 |                 | ヿ        | ヿ        | $\dashv$       |
|  | 21           | 1        | t –  | l —                                 | t              | ┢        | П  | H               | $\dashv$ | 7        | ├-           |          | 71       |                 |          |          | ヿ        | _        | $\neg$   | $\dashv$ | 1        | 1 |          | 121        |  |                 |                 |           |                 | $\neg$          | 一        | 寸        | $\neg$         |
|  | 22           | t        | 1  | H                                   | t              | t        |  | Н               | $\dashv$ | $\dashv$ |              |          | 72       | $\dashv$        | $\neg$   | 寸        | 寸        | ヿ        | +        | _        | $\top$   | 1 |          | 122        |  | П               |                 |           |                 | $\neg$          | 寸        | ヿ        | $\neg$         |
| -  | 23           |          |  | _                                   | $\vdash$       | 一        | 1  | П               | $\neg$   | ┪        |              |          | 73       |                 | T        |          | T        | 1        | _        | $\top$   |          | 1 |          | 123        |  | П               |                 |           |                 |                 | 寸        | ヿ        | $\exists$      |
|  | 24           | t        | t  |                                     | $\vdash$       | T        | ļ —  |                 | T        | T        |              | 7        | 74       |                 | T        |          | 寸        | 7        | T        | T        |          | 1 |          | 124        |  |                 |                 |           |                 |                 |          | ヿ        | П              |
|  | 25           | 1        |  |                                     | T              |          |  |                 | ヿ        |          |              | T        | 75       |                 | ヿ        | ヿ        | 一        | $\neg$   | T        | T        |          | 1 |          | 125        |  |                 |                 |           |                 |                 |          | コ        | П              |
|  | 26           | Π        | П  | Г                                   | Π              | Г        |  |                 |          |          |              | 丁        | 76       |                 | T        | T        | $\neg$   | ヿ        | T        | T        |          | 1 |          | 126        |  |                 |                 |           |                 |                 |          | $\Box$   |                |
|  | 27           | Т        | Π  |                                     |                |          |  |                 |          |          |              |          | 77       |                 |          |          |          |          |          | T        |          | ] |          | 127        |  |                 |                 |           |                 |                 | $\Box$   |          |                |
|  | 28           |          |  |                                     |                |          |  |                 |          |          |              |          | 78       |                 |          |          |          |          |          |          |          | ] |          | 128        |  |                 |                 |           |                 |                 |          |          |                |
|  | 29           |          | L.   |                                     |                |          |  |                 |          |          |              |          | 79       |                 |          |          |          |          |          | $\perp$  |          | ] |          | 129        |  |                 |                 |           |                 |                 |          | $\Box$   | $\Box$         |
|  | 30           | _        | _  | L                                   |                |          | <u> </u>   |                 | _        | _        |              |          | 80       |                 |          |          | _        | _        | $\perp$  | $\perp$  |          | ] |          | 130        |  |                 |                 |           |                 |                 | _        |          | ш              |
| <u> </u>   | 31           |          |  | L                                   |                | _        | <u> </u>   |                 |          | _        | L            |          | 81       |                 | ]        |          |          |          | $\bot$   |          |          | ] |          | 131        | L  |                 |                 |           |                 |                 | _        | _        | Ш              |
|  | 32           | <u> </u> | <u> </u>   | L                                   | _              |          | <u> </u>   | Ш               | $\perp$  | _        | $\perp$      |          | 82       |                 |          | _        | _        |          | $\perp$  | $\dashv$ |          | 1 |          | 132        | L  | Ш               |                 |           |                 | Ш               | _        | _        | $\square$      |
| L  | 33           | <u> </u> | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _              | _        |  | Щ               | _        | _        | $\perp$      | 4        | 83       | $\sqcup$        | _        | _        | _        | _        | $\dashv$ |          | $\bot$   | Į | <u> </u> | 133        | L  | Щ               |                 |           |                 | Ш               | _        | Ц        | $\square$      |
| <u> </u>   | 34           |          | $\vdash$   | <u> </u>                            | $\vdash$       |          | <b></b>  | -               |          | 4        | $\vdash$     | $\dashv$ | 84       | <u> </u>        | _        | _        | _        | _        | $\perp$  | $\perp$  | -        | l | ļ        | 134        | _  | Н               | $\sqcup$        | $\square$ |                 |                 | _        | 4        |                |
|  | 35_          | $\vdash$ | <u> </u>   | <u> </u>                            | <del>  -</del> | <u> </u> | <u> </u>   | Н               |          |          | <u> </u>     |          | 85       | $\Box$          | _        | _        | _        |          | $\perp$  | +        |          | ł | <u> </u> | 135        | H  | Н               | $\sqcup$        |           |                 | Ш               | -        | _        |                |
| <u> </u>   | 36           |          | <u> </u>   | <u> </u>                            | ├-             | ⊢        | ⊢  | ${oxed}$        | 4        | $\dashv$ | -            |          | 86       | $\dashv$        | $\dashv$ | -        | 4        | _        | $\dashv$ | +        | +        | 1 | <u> </u> | 136        | _  | Н               | $\vdash \vdash$ | Щ         | $\vdash \vdash$ | Щ               | -        |          | Щ              |
|  | 37           | -        | <u> </u>   | <u> </u>                            | <del> </del>   | ₩        | ⊢  | $\vdash \vdash$ | 4        | 4        | $\vdash$     |          | 87       | $\dashv$        | -        | -        |          | -        | $\dashv$ | +        | - -      | 1 |          | 137        | <u> </u>   | Н               | $\vdash \vdash$ | $\square$ | $\vdash$        | $\vdash$        | _        |          | -              |
|  | 38           |          | $\vdash$   | _                                   | <del>  -</del> | ├        | ₩  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\vdash$     |          | 88       | $\dashv$        |          |          | $\dashv$ | _        | -        | +        |          | 1 |          | 138        | -  | Н               |                 |           |                 | $\vdash$        | -        |          |                |
| <u> </u>   | 39           | $\vdash$ | $\vdash$   | $\vdash$                            | -              | -        | ├  |                 | $\dashv$ | $\dashv$ | -            | -        | 89       | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | -        | -+       | +        |          | - |          | 139        | -  | Н               | Н               |           |                 | $\vdash$        | -        |          | $\vdash$       |
| <u> </u>   | 40           | +-       | $\vdash$   | $\vdash$                            | ├-             | <u> </u> | <b>├</b> —                                       | $\vdash$        | $\dashv$ | $\dashv$ | <u> </u>     |          | 90_      | $\vdash$        | _        |          | -        | -        | +        | +        | +        | - | $\vdash$ | 140        | $\vdash$   | $\vdash$        | $\vdash$        |           |                 | $\vdash$        |          |          | $\vdash$       |
|  | 41           | ⊢        | ╀  | ├-                                  | <b>├</b> -     | ⊢        | -  | $\vdash \vdash$ | -        |          | $\vdash$     | -        | 91<br>92 | -               | -        |          |          | -        | +        | -        | +        | ┨ | -        | 141        | $\vdash$   | $\vdash$        |                 |           |                 | Н               |          | $\dashv$ | $\vdash$       |
| <u> </u>   | 42<br>43     | +-       | ┼-   | H                                   | ⊢              | ₩        | $\vdash$   | Н               |          | $\dashv$ | -            | $\dashv$ | 93       | $\vdash$        | $\dashv$ |          |          |          | $\dashv$ | +        | +        | ┨ | <b>-</b> | 143        |  | $\vdash$        | Н               |           |                 | $\vdash \vdash$ | $\dashv$ |          | $\vdash\vdash$ |
| <u> </u>   | 44           | ┰        | 1  | -                                   | <del> </del> − | ╁        | +-   | Н               |          | $\dashv$ | -            | $\dashv$ | 94       | $\vdash$        | -        |          | $\dashv$ | $\dashv$ | +        | +        | +-       | 1 | <u> </u> | 144        | $\vdash$   | $\vdash$        | H               |           |                 | H               |          | $\dashv$ | $\vdash$       |
| _  | 45           | ╁        | ├  | -                                   | $\vdash$       | ┼-       | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$     | $\dashv$ | 95       | $\vdash \dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | +        | +        | -        | 1 |          | 145        | $\vdash$   | H               | $\vdash$        | -         | H               | H               | $\dashv$ | $\dashv$ | $\vdash$       |
| <b> </b>   | 46           | +        | $\vdash$   | ┝                                   | ╂              | $\vdash$ | $\vdash$   | H               | +        | $\dashv$ | $\vdash$     | $\dashv$ | 96       | $\vdash$        | -        | $\dashv$ |          |          | +        | $\dashv$ | +        | 1 | -        | 146        | ┢  | $\vdash$        | Н               | -         | -               | $\vdash$        | -        | $\dashv$ | $\vdash$       |
|  | 47           | ╁╌       | <del> </del>                                     | $\vdash$                            | $\vdash$       | $\vdash$ | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | <u> </u>     | $\dashv$ | 97       | $\vdash$        | $\dashv$ | -        |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | 1 |          | 147        | $\vdash$   | 1               | $\vdash \vdash$ | -         |                 | $\vdash$        | $\dashv$ | 一        | М              |
| <del> </del>                                     | 48           | +        | $\vdash$   | $\vdash$                            | +              | +        | _  | Н               |          | $\dashv$ | <del> </del> | +        | 98       | H               | $\dashv$ | -        |          | ᅱ        | +        | +        | +-       | 1 | 1        | 148        | $\vdash$   | $\vdash$        | $\vdash$        | $\vdash$  | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ | Н              |
| <del>                                     </del> | 49           | +        | +  | $\vdash$                            | 1              | +        | <del>                                     </del> | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$     | +        | 99       | -               | -        | -1       | $\dashv$ | -1       | $\dashv$ | +        | +        | 1 |          | 149        |  |                 | Н               |           |                 |                 |          | $\neg$   | Н              |
|  | 50           | T        | t  | $\vdash$                            | †-             | +-       | $\vdash$   | Н               | $\dashv$ | $\dashv$ | $\vdash$     | $\dashv$ | 100      | H               |          | $\dashv$ | -        | -        | $\dashv$ | +        | +        | 1 | f        | 150        | <del>                                     </del> | T               | $\vdash$        |           | $\Box$          |                 | $\vdash$ | $\dashv$ | М              |
|  | 1 30         | 1        | 1  | ــــــ                              | 1_             | 1        | 1  | ш               | ш        |          |              |          | 100      | لـــا           | L I      |          |          |          |          |          | L        | 1 | Щ.       | 1.50       |  | Ь               |                 | _         | _               |                 | Щ.       |          | Ь              |